

[*VARIABLE RATE DISPENSING APPARATUS*]

Abstract of Disclosure

A mixing and dispensing apparatus wherein a liquid concentrate is metered into a diluent stream of an eductor in a precise manner. A needle valve is employed in conjunction with a cam member and the cam member includes slopes of varying degrees. In this manner, a wide range of dilution rates can be accomplished with only a single revolution of the needle valve. The apparatus is particularly useful in mixing and dispensing chemical concentrates such as cleaning and sanitizing materials.